

Ms. Karen R. Bayly Florida Department of Environmental Protection South District P.O. Box 2549 Fort Myers, Florida 33902-2549

RE:

HOWCO Environmental Services

2650-A Edison Ave. Fort Myers, FL. 33916

Dear Ms. Bayly:

The intent of this correspondence is to confirm that the Tank Farm upgrades at Howco Environmental Services located in Ft. Myers have now been completed.

The concrete containment area was coated with COR-COTE C lining system manufactured by General Polymers and approved by the Department on 05/08/2000; File No. EQ-438.

The interior bottom of each tank and a minimum of 18 inches up the interior walls of each tank were coated with Enviroline 376F Epoxy coating manufactured by Industrial Environmental Coatings Corporation and approved by the Department on 12/17/98; File No. EQ-357.

During the preparation of the tanks prior to coating, the interior surfaces of the tanks were sandblasted to ensure proper adhesion of the lining material. Four drums of the sandblast grit were accumulated and tested for TCLP metals. The results of this testing is attached as Report Number: T012259. All results were less than regulatory levels and this material will be handled through approved Solid Waste handling methods.

The liquids and sludges from tanks 1, 2 and 4 contained used oils and were shipped for recycling to HOWCO's Used Oil Recycling facility in St. Petersburg, FL.

The sludge accumulated from tank 3 was drummed and tested for TCLP metals, volatiles, and semi-volatiles. The results of this testing is attached as Report Numbers: T012026 and T012126. These results show the sludge fails for benzene-2.2 mg/L and for Tetrachloroethene-1.1 mg/L. Nineteen of these drums have been accumulated on-site and will be properly disposed as Hazardous Waste. Per my conversation with Charles Emery on May 29, 2001 it will be acceptable to ship these drums with the existing site EPA ID # FL0001000611.

I want to thank you for your co-operation in accomplishing this project. If you have any additional questions or comments regarding this matter, please feel free to contact me at your earliest convenience. I can be reached at (727) 638-2131.

Sincerely.

David J. Roehm

RECEIVED

JUN 1 3 2001

D.E.P. South District

3701 Central Avenue – St. Petersburg, FL 33713 - Tel. 727-327-8467 Fax: 727-321-6213

Operations: Tampa Bay - Ocala - Ft. Myers - 24-Hour Emergency Access 1-800-435-8467



Client:

Howco Environmental

3701 Central Ave.

St. Petersburg, Fl 33713

Contact: **Project Name:** Richard Dillen

Howco -Ft. Meyers

Project Number: Matrix:

25946

Solid

Report Number: Date Reported:

Date/TimeSampled: Date/Time Received: T012259 5/4/2001

4/26/01@1400 4/27/01@1215

Date Analyzed:

Analyst:

5/3/2001

KC

TCLP Metals Units: mg/l

Analytes(TCLP Limits)	Method	MRL	Lab Code: T012259 Sample Name: Sandblast Grit	T012259-mb Method Blank
Arsenic(5.0)	6010B	0.05	U	, U
Barium(100)	6010B	0.25	0.91	U
Cadmium(1.0)	6010B	0.025	U	U
Chromium(5.0)	6010B	0.05	U	U
Lead(5.0)	6010B	0.1	υ	· U
Selenium(1.0)	6010B	0.05	U	U
Silver(5.0)	6010B	0.05	U	U
Mercury(0.20)	7470A	0.002	U	U

MAY 0 9 2001

Approved by:

Michael L. Cammarata-Lab Manager

ab ID:

E82574

empqap:

940242

Not detected above the MRL

RL

Method Reporting Limit



Client:

Contact:

Matrix:

Howco Environmental

3701 Central Ave.

St. Petersburg, Fl 33713

Project Name:

Project Number:

Richard Dillen Tank Cleaning-Howco Ft. Myers

25941 HW

Report Number:

Date Reported: Date/TimeSampled:

Date/Time Received:

4/27/2001

T012026

4/12/01@1400 4/17/01@1530

Date Analyzed:

Analyst:

4/24/01-4/25/01

KC

TCLP Metals Units: mg/l

Analytes(TCLP Limits)	Method	MRL	Lab Code: Sample Name:	T012026 Tank 3	T012026-mb Method Blank
Arsenic(5.0)	6010B	0.05		U	Ū
Barium(100)	6010B	0.25		0.92	U .
Cadmium(1.0)	6010B	0.025		U	U
Chromium(5.0)	6010B	0.05		U	U
Lead(5.0)	6010B	0.1		U	U
Selenium(1.0)	6010B	0.05		U	υ
Silver(5.0)	6010B	0.05		J3	Ŭ
Mercury(0.20)	7470A	0.002	•	U	U



Approved by:

Michael L. Cammarata-Lab Managé)

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D.E.P. - South District

Lab ID:

E82574

Compqap:

940242

J3

The reported value failed to meet the established QC criteria for either precision or accuracy

Not detected above the MRL

U MRL Method Reporting Limit



Client:

Contact:

Howco Environmental

3701 Central Ave.

St. Petersburg, FI 33713

Richard Dillen

Project Name:

Tank Cleaning-Howco Ft. Myers

Project Number:

HW Matrix:

25941

Report Number: Date Reported:

Date/TimeSampled: Date/Time Received: T012126 4/27/2001 4/12/01@1400 4/17/01@1530

Date Analyzed: Analyst:

4/23/2001 KΒ

TCLP Volatile EPA Method 5030/8260

Units: mg/L	
Lab Code:	T012

		T 012026	T012026	
	Diluition Factor:		1	
Analytes MRL	Sample Name:	Tank 3	Method Blank	
Benzene 0.1	-	2.2	U	
Carbon Tetrachloride 0.1		U	U	
Chlorobenzene 0.1		U	· U -	
Chloroform 0.1		U	U	
1,2-Dichloroethane 0.1		U	U	
1,1-Dichloroethane 0.1		U	U	
Methyl ethyl Ketone 0.4		2.7	U	
Tetrachloroethene 0.4		1.1	U	
Trichloroethene 0.1		0.036	U	
Vinyl Chloride 0.1		U	U	

Surrogates	Acceptance Limits	Percent Recovery	Percent Recovery
1,2-Dichloroethane-d4	80-120	80	96
Toluene-d8	88-110	89	98
4-Bromofluorobenzene	86-115	103	95

Approved by:

Lab ID:

Compqap:

E82574 940242

U MRL Not detected above the MRL

Method Reporting Limit



Client:

Contact:

Matrix:

Howco Environmental

3701 Central Ave.

St. Petersburg, FI 33713

Richard Dillen

Project Name:

Project Number:

Tank Cleaning-Howco Ft.Myers

25941

2594 HW Report Number:

Date Reported:

Sampled:

T012126 4/27/2001

Date/TimeSampled: Date/Time Received: 4/12/01@1400 4/17/01@1530

Date Analyzed:

4/25/2001

Analyst:

KB

TCLP Semi-Volatiles EPA Method 1311/8270C Units: mg/L

Analytes	TCLP Linnits	MRL	Lab Code: Diluition Factor: Sample Name:	T012026 10 Tank 3	T012026 1 Method Blank
Acid Extractables					
o-Cresol	200.0	0.25		26	· U
m-Cresol	200.0	0.25		39	U
p-Cresol	200.0	0.25		39	U
Pentachlorophenol	100.0	0.25		U	U
2,4,5- Trichlorophenol	400.0	0.25		U	U
2,4,6- Trichlorophenol	2.0	0.25		U	U
Base/Neutrals Extractables					
1,4-Dichlorobenzene	7.5	0.1		U	U
2,4-Dinitrotoluene	0.130	0.1		U	U
Hexachlorobenzene	0.130	0.1		U	U
Hexachloro-1,3-butadiene	0.500	0.1		U	U
Hexachloroethane	3.0	0.1		U	U
Nitrobenzene	2.0	0.1		U	U
Pyridine	5.0	0.1		U	U

	Asceptance	Percent	Percent Recovery
Surrogates	Limits	Recovery	
2-Fluorophenoi	20-119	41	46
Phenol-d6	18-121	53	53
Nitrobenzene-d5	23-120	42	45
2-Fluorobiphenyl	25-121	63	55
2,4,6-Tribromophenyl	15-112	63	35
<i>p</i> -terphenyl-d4	18-137	71	70

Approved by:

Michael L. Cammarata-Lab Manager

Lab ID:

E82574

Compgap:

940242

U MRL Not detected above the MRL Method Reporting Limit